



NIST Mobile ID
Sgt. TJ Smith

September 19, 2007

Livescan History

1991



1995

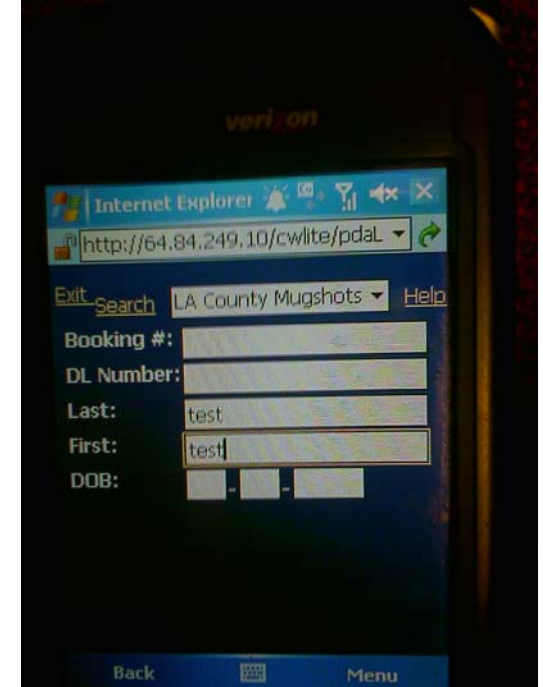
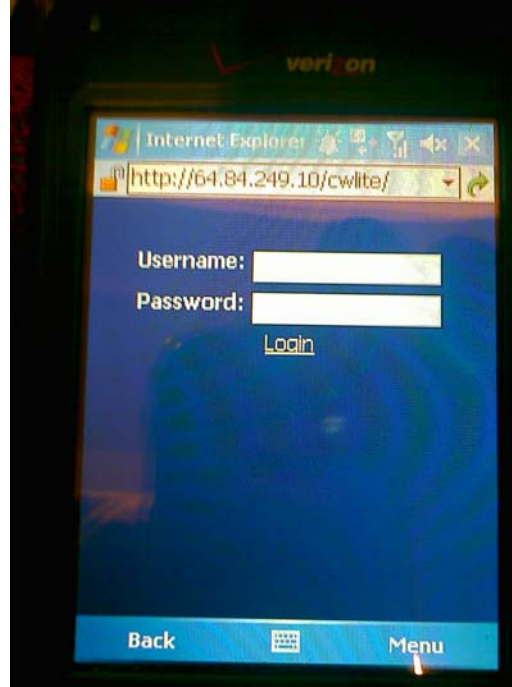


1997





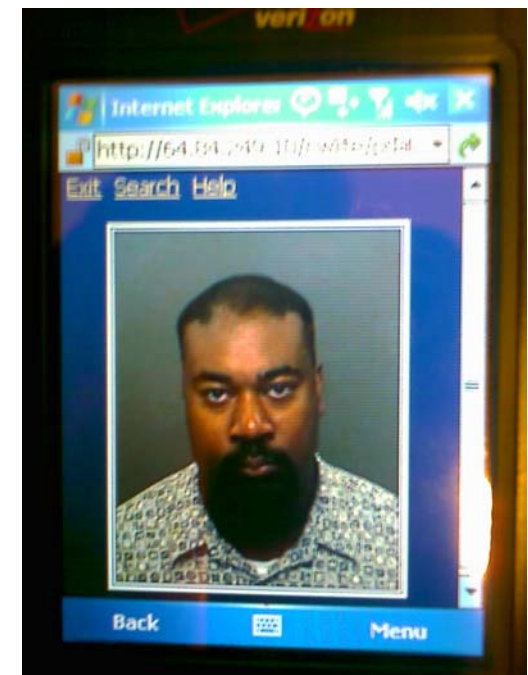
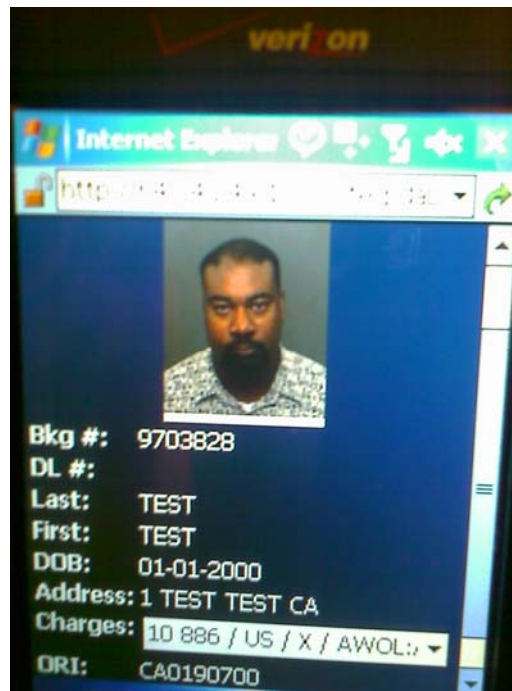
WOW



Mobile endeavor

- Year 2000
- CDPD

Still in use, but not
with CDPD



- 2000-2004
- GPRS / 1XRTT
- Edge / EVDO
- E-ticket
 - Not searchable



2003 AFIS Procurement

- 6 card sets (primarily for latent prints)
 - 2 most recent arrests Rolled images
 - 2 most recent arrests Flat images
 - 1 composite Roll Images
 - 1 composite Flat
- Aids in 2 finger searches
 - 2 finger against 2 fingers in a composite 1:1
 - Now 2 fingers up to 1:6 each
- Also added an additional matching algorithm
- 2006 Added the Immigration Violator File
 - 130,000 of your favorite criminal aliens

Field Booking Pilot w/ CAL-DOJ

2004-2005

4 finger flat capture inserted into roll position

With photo

Using current livescan Criminal TOT

Pro

Had prints on cite outs

Created Criminal history record

Id returned to the officer w/photo

Con

No tenprint fingerprint set

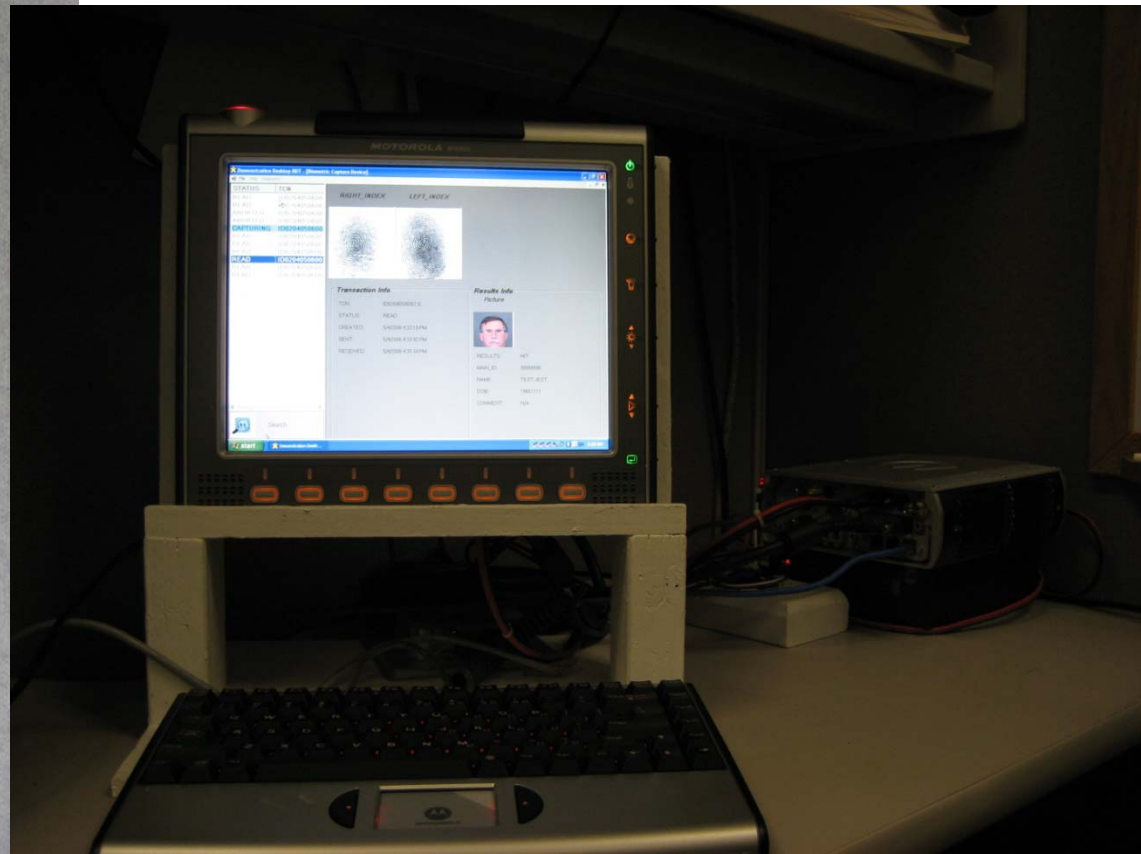
Loss of images

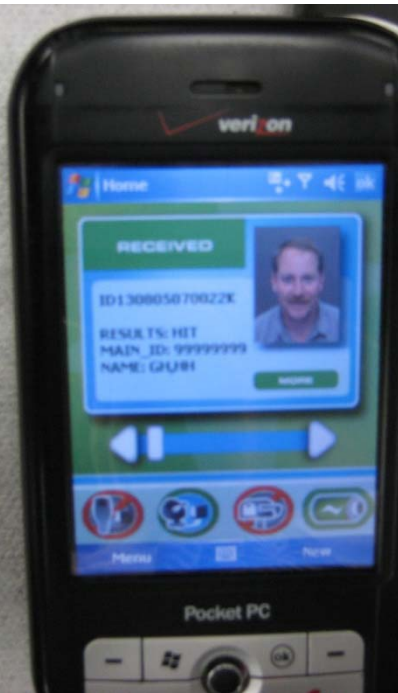
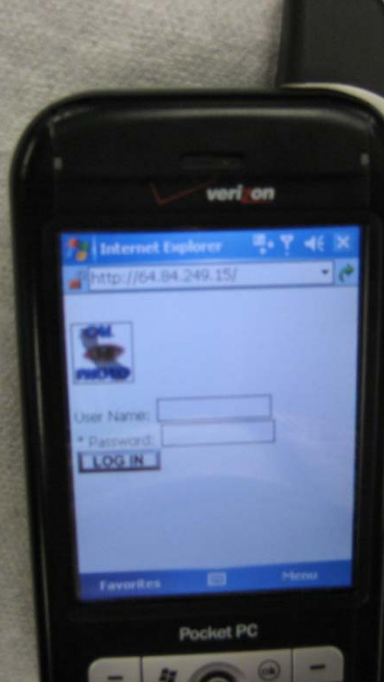
Bulky devices

Additional data service costs



2006-2007







LACRIS WEB ID

 **Connected** Day Mode ▾

Left Index

Right Index

Transaction Queue	
3	09/19/2007 04:50:07 ✓
2	09/19/2007 04:49:36
1	09/19/2007 04:49:03

Trans No.: LACRIS0079J450BJ



SID: 08086857

Name: TEST TEST

DOB: 19650101

Sex: M

Booking#: 9702713

Main#: 11111111

INS Flag: ☒

- ☐ cite out
- ☐ arrested
- ☐ not arrested
- ☐ field interview

Info ▾

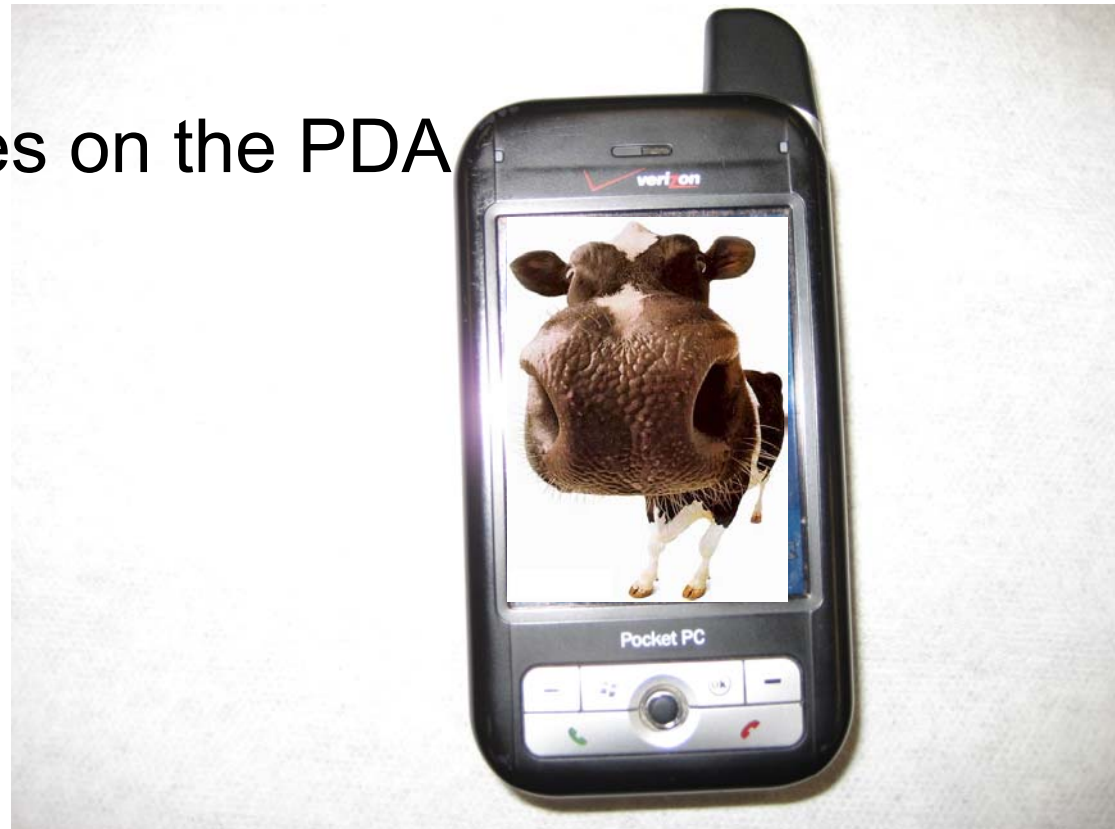
Update





LAPD

- Facial Recognition
 - Neven Vision
 - Gang members
 - Database resides on the PDA



Officer needs

- Accurate ID (<3 minutes)
- With Photo (if not a hit, provide photos of high candidates).
- Warrant / Want response
 - Parole / Probation status
 - Restraining orders
 - Terrorist
 - Immigration
- Easy Authentication (or none)

Agency / Law Enforcement needs

- Fingerprint based contact
 - Field interview
 - Citation / Notice to Appear
- Single data entry
 - Ties to local RMS
- Single user Authentication
- Encryption?

AFIS / System / Vendor

- Sequence checking
 - Accurate finger identification
- No human delays

Recommendations

- TOT
 - CAR / CRM
 - TPIS / IDN
 - ID2 (1-x)
 - ID4 (4-4-2)
- SRE
 - Type 1
 - Type 2
 - Include local warrant check (primarily within the state)
 - Type 4
 - Type 10
 - Type 14

Discussions

- ID
 - Respond with candidates vs Hit / No Hit
 - Allows local system to determine hit or not based on local systems thresholds
 - Respond with photos (if available)
- Local systems can parse based on Agency Policy / Network / Systems
 - Anyone wishing to play needs a fast back-end